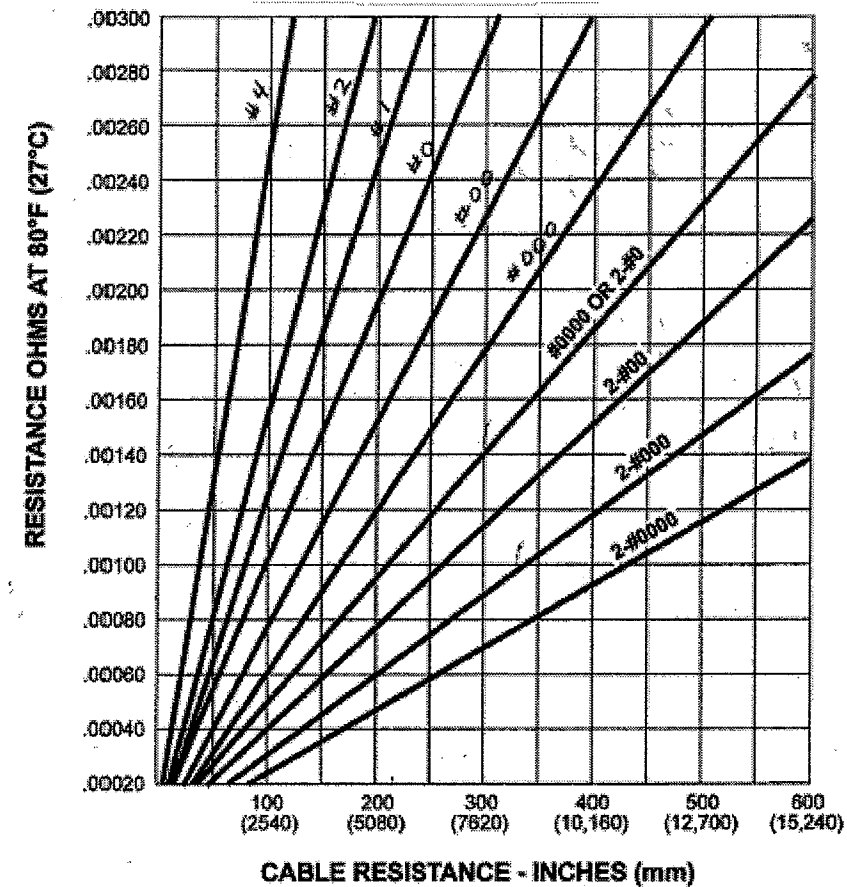


SHIPYARD INSTALLATION DATA

ELECTRIC START SYSTEM

1. START SYSTEM VOLTAGE: 24 VOLT
2. MAXIMUM RESISTANCE STARTING CIRCUIT: .002 OHMS
3. RECOMMENDED BATTERY CAPACITY: 950 CCA
4. REFERENCE DRAWING 8-6176206-E1 FOR CONTROL WIRING
5. STARTER RELAY SUPPLIED AND MOUNTED BY PPPC IN ON ENGINE DC JUNCTION BOX.
6. BATTERY AND ALL INTERCONNECT WIRING TO BE SHIPYARD SUPPLIED
7. REFERENCE DRAWING 8-6176206-G1 SHEET 2 OF 4
8. SMR RELAY SUPPLIED BY PPPC AND INSTALLED IN THE ON ENGINE DC JUNCTION BOX



- ⊗ TERMINAL LOCATED IN ENGINE JUNCTION BOX
- SHIPYARD SUPPLIED WIRING
- _____ PPPC SUPPLIED WIRING

ABBREVIATIONS
 CCA - COLD CRANK AMPS
 PPPC - PACIFIC POWER PRODUCTS COMPANY
 SMR - STARTER MOTOR RELAY
 SM - STARTER MOTOR

				DRAWING: ELECTRIC START SYSTEM DIAGRAM - EMER			
				PROJECT: WASHINGTON STATE FERRIES 144 CAR FERRY			
7215 SOUTH 228TH STREET, KENT, WA 98037 PH. (253) 854-0505 * FAX (253) 850-2631				ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED			
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				CHECKED	KJC	10-13-05	8-6176206-S2
				DRAFTED	DMD	10-13-05	